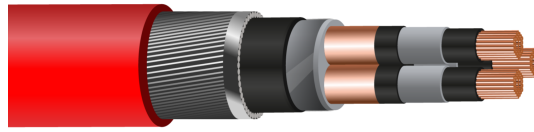


BS 6622 XLPE/PVC Medium Voltage 3 Core Copper Mains Cable 8.7/15kV-50mm² to 500mm²



Description

BS6622 cables are armoured power cables designed for medium voltage fixed installations, such as power networks and industrial installations, including those in power supply stations, indoors, outdoors, underground, and in cable ducts. These cables have copper or aluminium conductors with cross-linked polyethylene (XLPE) insulation various screen options, water blocking options, steel wire armour and PVC bedding and outer sheath.

BS6622 cables are suitable for Internal use in buildings, power stations, or switchboards and are often run in cable tray for industrial applications. They can be directly buried in the ground or in cable ducts or outdoors where they are exposed to the elements. Though the red outer sheath may be prone to fading through exposure to UV rays.

Key Features



Voltage Rating
8.7/15kV



Minimum Bending Radius
12 x Overall Diameter



Flame Retardancy
BS EN/IEC 60332-1-2



Temperature Limits
Temperature Range: 0°C to +90°C

Core Colours

3 Core

Brown Black Grey Tape

Standards

- BS EN/IEC 60228
- BS EN/IEC 60332-1-2
- BS6622

Construction

- **Conductor:** Class 2 Copper Conductor
- **Conductor Screen:** Semi conductive XLPE
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Insulation Screen:** Semi conductive XLPE
- **Metallic Screen:** Individual or overall copper tape screen
- **Filler:** Polyethylene Terephthalate (PET) fibres
- **Separator:** Binding Tape
- **Bedding:** Polyvinyl Chloride (PVC)
- **Armour:** Steel Wire Armour (SWA)
- **Outer Sheath:** Polyvinyl Chloride (PVC)
- **Sheath Colour:** Red or Black

QA Lab

Cleveland Cable Test & Training Lab

Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



CPR

Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.



Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.



ecovadis

Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

ecovadis

BS 6622 XLPE/PVC Medium Voltage 3 Core Copper Mains Cable 8.7/15kV-50mm² to 500mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
15KVXLPE3X50RD	50	3	19/1.78	2.10	57.2	5500
15KVXLPE3X50BK	50	3	19/1.78	2.10	57.2	5501
15KVXLPE3X70RD	70	3	19/2.14	2.20	61.2	6510
15KVXLPE3X70BK	70	3	19/2.14	2.20	61.2	6512
15KVXLPE3X95RD	95	3	19/2.52	2.27	65.5	7625
15KVXLPE3X95BK	95	3	19/2.52	2.27	65.5	7628
15KVXLPE3X120RD	120	3	37/2.03	2.35	68.3	8648
15KVXLPE3X120BK	120	3	37/2.03	2.35	68.3	8650
15KVXLPE3X150RD	150	3	37/2.25	2.54	75.0	10533
15KVXLPE3X150BK	150	3	37/2.25	2.54	75.0	10532
15KVXLPE3X185RD	185	3	37/2.52	2.60	78.2	11930
15KVXLPE3X185BK	185	3	37/2.52	2.60	78.2	11931
15KVXLPE3X240RD	240	3	61/2.25	2.75	83.5	14215
15KVXLPE3X240BK	240	3	61/2.25	2.75	83.5	14214
15KVXLPE3X300RD	300	3	61/2.52	2.85	88.2	16650
15KVXLPE3X300BK	300	3	61/2.52	2.85	88.2	16652
15KVXLPE3X400RD	400	3	61/2.85	3.10	95.4	19740
15KVXLPE3X400BK	400	3	61/2.85	3.10	95.4	19745
15KVXLPE3X500RD	500	3	61/3.20	3.25	103.5	23620
15KVXLPE3X500BK	500	3	61/3.20	3.25	103.5	23622

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